

Jun. 3. 1998 2:50PM

FRISHAUF & PARTNERS

No. 1090 P. 1/2

From: HOLTZ

RECEIVED

Attorney Docket No. : 970668/LH

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Applicant(s) : Masaki HIGURASHI et al

Serial No. : 08/964,180

Filed : 4 Nov 1997

Art Unit : 2714

SECOND REQUEST FOR CORRECTED
FILING RECEIPT

Assistant Commissioner for Patents

ATTN: APPLICATIONS BRANCH

Sir:

A Request for Corrected Filing Receipt was filed on March 4, 1998. The Filing Receipt received in our office on May 22, 1998 has not been corrected.

Please issue a corrected Filing Receipt correcting the error(s) indicated in handwriting on the accompanying copy. Please also correct the Patent Office records.

The error is due to: X Patent Office Error
(No fee required)

 Applicant error (\$25 check enclosed).

Frishauf, Holtz, Goodman,
Langer & Chick, P.C.
767 Third Avenue - 25th Fl.
New York, N.Y. 10017-2023
Tel (212) 319-4900
Fax (212) 319-5101
LH/pob

Respectfully submitted,

Leonard Holtz
Reg.No. 22,974

CERTIFICATE OF FACSIMILE
TRANSMISSION
TO NO. 1-703- 308-7751

TOTAL PAGES: 2
I hereby certify that this
paper is being facsimile
transmitted to the
Commissioner for
Patents on the date
noted below.

Attorney: Leonard Holtz

Dated: June 3, 1998

In the event that this Paper
is late filed, and the
necessary petition for
extension of time is not filed
concurrently herewith, please
consider this as a Petition
for the requisite extension of
time, and to the extent not
tendered by check attached
hereto, authorization to
charge the extension fee to
Account No. 06-1378.

DEC 30 1998
Group 2700

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98 AUG -7 AM 7:50
GROUP 2700

Jun. 3. 1998 2:50PM

FRISHAUF & PARTNERS

No. 1090 P. 2/2

PTO-103X
(Rev. 8-85)

FILING RECEIPT



UNITED STATES DEPARTMENT OF
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

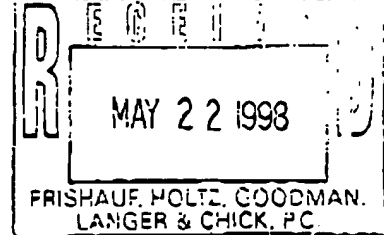
APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
08/964,180	11/04/97	2714	\$1,966.00	970668/LH	9	50	6

FRISHAUF HOLTZ GOODMAN
LANGER & CHICK
767 THIRD AVENUE
25TH FLOOR
NEW YORK NY 10017-2023

RECEIVED

DEC 30 1998

Group 2700



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the date presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Connection Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

MASAKI HIGURASHI, TOKYO, JAPAN; YASUHIRO KOMIYA, TOKYO, JAPAN; *GANG-LU JING, Tokyo, JAPAN.*

FOREIGN APPLICATIONS-

JAPAN
JAPAN

8-296750
8-312260

11/08/96
11/22/96

TITLE

IMAGE PROCESSING APPARATUS

PRELIMINARY CLASS: 348

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Date of Facsimile: 06/03/98

Typed Name of Person Signing Certification Alba P. Escobar

Signature: Alba P. Escobar

Attn: Application Processing Division
Customer Correction Branch
 United States Patent and Trademark Office

Fax No.: 703-308-7751

2ND REQUEST

Regarding:

Patent Application No.: 10971505-1
 Inventor(s): Brian R. Hutchison, ET AL.
 Serial No.: 08/925423
 Filed: 09/08/97
 Group Art Unit: 2103
 Title: Lead Frame based Vertical Interconnect Package

NOTE: 1ST REQUEST
 SENT 2/10/98!

Please note that the attached copy of the Filing Receipt does not reflect the inventors name in the correct order. The correct order should be: Brian R. Hutchison, Windsor, CA; Peter Walters, Santa Rosa, CA. Also the file fee rec'd should be \$1090.00 and Drawings should be 10.

Attached is the inventors as shown on the accompanying copy of the signed Declaration and Power of Attorney and the patent transmittal which reflects all.

Applicants respectfully request the correction of the official records to show the correct order of inventors name on this patent application and the amount for both filing fees and drawing. Please forward a corrected Filing Receipt at your earliest convenience.

If you have any question or comments, please do not hesitate to call me at (650) 857-4592.

Thank for your assistance in this matter.

Alba P. Escobar
 Legal Administrator
 Hewlett-Packard Company
 3000 Hanover Street, M/S 2080
 Palo Alto, California 94304-1112

Post-it® Fax Note	7671	Date	6/3/98	# of pages	6
To	PTO	From	Alba Escobar		
Co./Dept.	Filing Recept.	Co.	Hewlett-Packard		
Phone #	703 308 7751	Phone #	650 857 4592		
Fax #		Fax #	650 236 9855		

6pg w/cover

PTO-103X
(Rev. 8-95)

FILING RECEIPT JAN 29 1998



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
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Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
08/925,423	09/08/97	2103	\$0.00	10971505-1	0	13	6

IP ADMINISTRATION
LEGAL DEPARTMENTN 20BN
HEWLETT-PACKARD COMPANY
P O BOX 10301
PALO ALTO CA 94303-0890

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

PETER WALTERS, SANTA ROSA, CA; BRIAN R HUTCHISON,
WINDSOR, CA.

FOREIGN FILING LICENSE GRANTED 01/21/98

TITLE

LEAD-FRAME BASED VERTICAL INTERCONNECT PACKAGE

PRELIMINARY CLASS: 361

POST OFFICE
TO ADDRESSEEEXPRESS MAIL
UNITED STATES POSTAL SERVICE

EM198754120US

EIMS

POST OFFICE
TO ADDRESSEEEXPRESS MAIL
UNITED STATES POSTAL SERVICE

EM198754120US

EIMS

ORIGIN (POSTAL USE ONLY)

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SHIPMENTS ONLY☐ Business Papers
☐ MerchandiseCustoms forms and commercial
invoices may be required.
See Pub 273 and
International Mail Manual.

No delivery

CUSTOMER USE ONLY

METHOD OF PAYMENT:

Express Mail Corporate Acct. No.

Federal Agency Acct. No. or
Postal Service Acct. No.☐ SIGNATURE OF ADDRESSEE (Domestic Only): If with delivery to be made without obtaining the signature of the addressee or the addressee's agent, it is the judgment of the delivery employee, the article can be left in a secure location and I authorize the delivery employee to sign for the addressee's agent and I understand that the signature of the delivery employee will constitute valid proof of delivery.

NO DELIVERY

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Customer Signature

BOX PATENT APPLICATION
ASSISTANT COMMISSIONER FOR
PATENTS
WASHINGTON, DC 20231

FOR PICKUP OR TRACKING CALL 1-800-222-1811

Dear Sir:

Please acknowledge receipt of the following document(s)

RE: U.S. Patent Application PD No. 10971505-1 Atty: DAN

S/N: Unassigned

Inventor: Peter Walters et al.

Title: LEAD-FRAME BASED VERTICAL INTERCONNECT
PACKAGE

- X Patent Application Transmittal Letter (in duplicate)
- 12 Pages of Specification, Claims and Abstract
- 13 Claims Total
- X Declaration and Power of Attorney (unexecuted)
- X Authorization to charge fee (\$1090.00) to Deposit Account
- X Certificate of Express Mail dated Sept 8, 1997
Label No. EM198754120US

70204 U.S. PRO
08/925423
09/08/97

Best Available

HEWLETT-PACKARD COMPANY

Legal Department, 208N

P.O. Box 10301

Palo Alto, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. 10971505-1

IN THE U.S. PATENT AND TRADEMARK OFFICE

Patent Application Transmittal Letter

ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): (x) Utility () Design

(x) original patent application,

() continuing application,

() continuation-in-part

() continuation or () divisional

of S/N _____ filed _____.

INVENTOR(S): Peter Walters et al.

TITLE: Lead-Frame Based Vertical Interconnect Package

Enclosed are:

(X) The Declaration and Power of Attorney. () signed (x) unsigned or partially signed

(x) 10 sheets of () formal drawings (x) informal drawings (one set)

() Information Disclosure Statement and Form PTO-1449 () Associate Power of Attorney

() Priority document(s) () (Other) _____ (fee \$ _____)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	13 — 20	0	X \$ 22	\$ 0
INDEPENDENT CLAIMS	7 — 3	4	X \$ 80	\$ 320
ANY MULTIPLE DEPENDENT CLAIMS	0		\$ 260	\$ 0
BASIC FEE: Design (\$320.00); Utility (\$770.00)				\$ 770
TOTAL FILING FEE				\$ 1,090
OTHER FEES				\$ 0
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 1,090

Charge \$ 1,090 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EM198754120US

Date of Deposit Sept 8, 1997

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

By

Respectfully submitted,

Peter Walters et al.

By

Deborah A. Neville

Attorney/Agent for Applicant(s)

PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATIONATTORNEY DOCKET NO. 10971606 1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LEAD-FRAME BASED VERTICAL INTERCONNECT PACKAGE

the specification of which is attached hereto unless the following box is checked:

(X) was filed on Sept. 8, 1997 as US Application Serial No. or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(e) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Deborah A. Neville

Jack Wu

Patrick Barrett

John Imperato

Reg. No. 34,886

Reg. No. 29,992

Reg. No. 26,252

Reg. No. 40,026

Send Correspondence to:

IP Administration
Legal Department, 200N
HEWLETT-PACKARD COMPANY
P.O. Box 10301
Palo Alto, California 94303-0890

Direct Telephone Calls To:

Deborah A. Neville
650/857-3864

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Brian R. HutchisonCitizenship: USResidence: 9565 Kristine Way, Windsor CA 95492Post Office Address: Same as residence

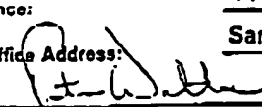
Inventor's Signature

Date

Best Available Copy

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION (continued)**

ATTORNEY DOCKET NO. 10971505-1

Full Name of # 2 joint inventor: Peter Walters Citizenship: US
 Residence: 4145 Shadow lane, Santa Rosa, CA
 Post Office Address: Same as residence
 Inventor's Signature:  Date: 12/19/97

Full Name of # 3 joint inventor: _____ Citizenship: _____
 Residence: _____
 Post Office Address: _____
 Inventor's Signature: _____ Date: _____

Full Name of # 4 joint inventor: _____ Citizenship: _____
 Residence: _____
 Post Office Address: _____
 Inventor's Signature: _____ Date: _____

Full Name of # 5 joint inventor: _____ Citizenship: _____
 Residence: _____
 Post Office Address: _____
 Inventor's Signature: _____ Date: _____

Full Name of # 6 joint inventor: _____ Citizenship: _____
 Residence: _____
 Post Office Address: _____
 Inventor's Signature: _____ Date: _____

Full Name of # 7 joint inventor: _____ Citizenship: _____
 Residence: _____
 Post Office Address: _____
 Inventor's Signature: _____ Date: _____

Full Name of # 8 joint inventor: _____ Citizenship: _____
 Residence: _____
 Post Office Address: _____
 Inventor's Signature: _____ Date: _____

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